

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

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FEB 17 2005

Attorney Docket No.: **Flarion-48APP (84)**

Appl. No.: **10/618,325**

Applicants: **Hui Jin et al.**

Filed: **July 11, 2003**

Title: **METHODS AND APPARATUS FOR ENCODING LDPC CODES**

TC/A.U.: **2133**

Examiner: **Stephen M. Baker**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated August 17, 2004, which set a period for response to expire on November 17, 2004, that period being extended three months to expire on February 17, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this paper.

Remarks/Arguments begin on page 13 of this paper.

FACSIMILE COVER SHEET

The Law Offices of
STRAUB & POKOTYLO

620 Tinton Avenue
Bldg. B, 2nd Floor
Tinton Falls, NJ 07724-3260

Telephone: 732-542-9070
Facsimile: 732-542-9071

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To: U.S. Patent and Trademark Office
Examiner: Stephen M. Baker; Group Art Unit 2133

Facsimile No.: (703) 872-9306

Telephone No.: _____

From: Michael P. Straub, Esq.

Date: February 17, 2005

Number of Pages Including Cover: 31

Message: FORMAL SUBMISSION OF:

- 1.) Transmittal;
- 2.) Fee Transmittal (in duplicate);
- 3.) Request for a Three Month
Extension of Time; and
- 4.) Amendment

Attorney Docket No.: Flarion-48APP
Applicants: Hui JIN et al.
Serial No.: 10/618,325
Filing Date: July 11, 2003
Title: METHODS AND APPARATUS FOR ENCODING LDPC CODES
Examiner: Stephen M. Baker
Group Art Unit: 2133

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Michael P. Straub

Type or print name of person signing certification


Michael P. Straub
Signature

February 17, 2004
Date

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002/032

FEB 17 2005

Please type a plus sign (+) inside this box --> 

Modified PTO/SB/2100-00)

Approved for use through 10/31/2002. OMB 053-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/618,325 |
| | Filing Date | July 11, 2003 |
| | First Named Inventor | Hui JIN |
| | Group Art Unit | 2133 |
| | Examiner Name | Stephen M. Baker |
| Total Number of Pages in This Submission | Attorney Docket Number Flarion-48APP (84) | |

| ENCLOSURES <i>(check all that apply)</i> | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Postcard Receipt <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--------------------------------------------|-------------------------------------|
| Firm or individual name | Michael P. Straub (Reg. No. 36,941) |
| Signature | <i>Michael P. Straub</i> |
| Date | February 17, 2004 |

| CERTIFICATE OF FACSIMILE | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|-------------------|
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| Typed or printed name | Michael P. Straub | | |
| Signature | <i>Michael P. Straub</i> | Date | February 17, 2004 |

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Modified PTO/S9/17(01-03)

Approved for use through 04/30/2003. OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1,020.00)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 10/618,325 |
| Filing Date | July 11, 2003 |
| First Named Inventor | Hui JIN |
| Examiner Name | Stephen M. Baker |
| Art Unit | 2133 |
| Attorney Docket No. | Flarion-48APP (84) |

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FEB 17 2005

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

50-1049

Straub & Pokotylo

The Commissioner is authorized to: (check all that apply)

☒ Charge any underpayment of fee(s) indicated below
☒ Charge any overpayments
☒ Charge any additional fee(s) due in connection with the filing submitted herewith
☐ Charge fee(s) indicated below, except for the filing fee in the to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|------------------------|------------|
| 1001 1000 | 2001 500 | Utility filing fee | |
| 1002 430 | 2002 215 | Design filing fee | |
| 1003 660 | 2003 330 | Plant filing fee | |
| 1004 1400 | 2004 700 | Reissue filing fee | |
| 1005 200 | 2005 100 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$) 00.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid

Total Claims -20** = X =

Independent Claims -3** = X =

Multiple Dependent =

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|-------------------------------|-------------------------------|-----------------------------------------------------------|
| 1201 50 | 2202 25 | Claims in excess of 20 |
| 1202 200 | 2201 100 | Independent claims in excess of 3 |
| 1203 360 | 2203 180 | Multiple dependent claim, if not paid |
| 1204 200 | 2204 100 | **Reissue independent claims over original patent |
| 1205 50 | 2205 25 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 00.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|----------------------------------------------------------------------------|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 120 | 2251 60 | Extension for reply within first month | |
| 1252 450 | 2252 225 | Extension for reply within second month | |
| 1253 1,020 | 2253 510 | Extension for reply within third month | 1,020.00 |
| 1254 1,590 | 2254 795 | Extension for reply within fourth month | |
| 1255 2,160 | 2255 1,080 | Extension for reply within fifth month | |
| 1401 500 | 2401 250 | Notice of Appeal | |
| 1402 500 | 2402 250 | Filing a brief in support of an appeal | |
| 1403 1,000 | 2403 500 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 500 | 2452 250 | Petition to revive - unavoidable | |
| 1453 1,500 | 2453 750 | Petition to revive - unintentional | |
| 1501 1,400 | 2501 700 | Utility issue fee (or reissue) | |
| 1502 800 | 2502 400 | Design issue fee | |
| 1503 1,100 | 2503 550 | Plant issue fee | |
| 1460 | 1460 | Petitions to the Commissioner - check fee sheet | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(c) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 790 | 2809 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 790 | 2810 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 790 | 2801 395 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$1,020.00)

SUBMITTED BY

| | | | | | |
|-------------------|--------------------------|-----------------------------------|-------------------|-----------|----------------|
| Name (Print/Type) | Michael P. Straub | Registration No. (Attorney/Agent) | 36,941 | Telephone | (732) 542-9070 |
| Signature | <i>Michael P. Straub</i> | Date | February 17, 2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.

Modified PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0851-0032
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| Examiner Name | Stephen M. Baker | |
| Art Unit | 2133 | |
| Attorney Docket No. | Flarion-48APP (84) | |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-1049
Deposit Account Name: Straub & Pokotylo

The Commissioner is authorized to: (check all that apply)

☒ Charge any underpayment of fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) due in connection with the filing submitted herewith
☐ Charge fee(s) indicated below, except for the filing fee in the to the above-identified deposit account.

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| 1205 50 | 2205 25 | **Reissue claims in excess of 20 and over original patent | |
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**or number previously paid, if greater, For Reissues, See above

FEE CALCULATION (continued)

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Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 1,020.00)

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STRAUB & POKOTYLO
620 Tinton Avenue
Bldg. B, 2nd Floor
Tinton Falls, NJ 07724-3260

CERTIFICATE OF FACSIMILE TRANSMISSION

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Michael P. Straub

Type or print name of person signing certification

Michael P. Straub

Signature

February 17, 2004

Date